



Metcalf & Eddy
An Air & Water Technologies Company

April 7, 1997

Delivered Via Facsimile and Certified Mail
Return Receipt Requested

Ms. Diane Spencer, Project Coordinator
U.S. Environmental Protection Agency, Region 5
Office of Superfund, Remedial & Enforcement Response Branch
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

EPA Region 5 Records Ctr.



379519

Subject: Granville Solvents Site Removal Action Quarterly Report - April 1997

Dear Ms. Spencer:

On behalf of the Granville Solvents Site PRP Group, Metcalf & Eddy, Inc. submits the second Quarterly Report for the Removal Action at the Granville Solvents Site. Copies have been sent to the following individuals:

Mr. Steve Acree, U.S. EPA
Mr. Mike Anastasio, U.S. EPA
Mr. Fred Myers, Ohio EPA
Mr. Joe Hickman, Village of Granville Manager (Acting)

Mr. Joe Hickman is currently acting Manager for the Village of Granville following the resignation of Mr. Doug Plunkett.

If you have questions regarding this submittal, please contact Michael Raimonde or me at (614) 890-5501.

Respectfully,

METCALF & EDDY, INC.

Gerald R. Myers
Vice President/Project Coordinator

cc: B. Pfefferle, Chairman - GSS PRP Group
M. Raimonde, M&E

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GRANVILLE SOLVENTS SITE REMOVAL ACTION

QUARTERLY REPORT APRIL 1997

Pursuant to the requirement set forth in the Administrative Order on Consent (AOC, September 7, 1994) between the U.S. EPA and the Granville Solvents Site (GSS) Potentially Responsible Parties (PRP) Group in Section 2.5 - Reporting and the letter dated November 14, 1996 from Ms. Diane Spencer (U.S. EPA), this report constitutes the second Quarterly written progress report concerning actions undertaken pursuant to the AOC.

II. PROGRESS MADE DURING REPORTING PERIOD

Source Area Groundwater Control

The groundwater pumping and treatment system operated for a total of 736 hours in January, 672 hours in February, and 744 hours in March, for a total of 2,152 hours (99.6 % of the total time available) during the first quarter of 1997. The treatment system processed approximately 11.04 million gallons of water in January, 10.08 million gallons of water in February, and 11.16 million gallons of water in March for a total of 32.3 million gallons of water. Since operation began, the system has processed more than 313.9 million gallons of water. Scheduled monthly maintenance was performed on the treatment system to ensure peak operation. This maintenance included: replacement of the bag filters, lubrication of the motors, and checking the control panel and level sensors.

Water samples were collected from the system's influent and effluent sampling ports on January 21, 1997, February 19, 1997 and March 20, 1997. The analytical results are presented in Table 1.

TABLE 1

VOCs	Influent January	Effluent January	Influent February	Effluent February	Influent March	Effluent March
1,1,1-trichloroethane	27 µg/l	0.24 µg/l	29.3 µg/l	0.15 µg/l	36.1 µg/l	ND
cis-1,2-dichloroethene	5.9 µg/l	0.43 µg/l	5.6 µg/l	ND	6.5 µg/l	0.33 µg/l
tetrachloroethene	34.9 µg/l	0.34 µg/l	37.3 µg/l	0.19 µg/l	38.8 µg/l	0.28 µg/l
1,1-Dichloroethane	0.46 µg/l	ND	ND	ND	0.58 µg/l	ND
trichloroethene	33.9 µg/l	0.7 µg/l	35.8 µg/l	0.35 µg/l	36.9 µg/l	0.62 µg/l

Extraction wells GSS-EW1 and GSS-EW2 are currently operating at an average of approximately 150 gallons per minute (gpm) and 100 gpm, respectively for the first quarter of 1997. The total pumping rate has averaged 250 gpm for the first quarter of 1997.

The results of the sample analyses above represent typical influent and effluent concentrations at GSS, and it has been recorded that approximately 32.3 million gallons of water were processed. Based on these data, 0.62 lbs/day of VOCs were discharged to the atmosphere during this reporting period.

Groundwater Monitoring Plan

Groundwater level measurements were collected on January 21, 1997, February 19, 1997, and March 20, 1997 as specified in the Groundwater Monitoring Plan and will be used to develop the potentiometric surface map.

A Quarterly sampling event of the monitoring wells was conducted on February 19, 1997. Analytical results have not yet been received.

Source Area Soils

The Engineering Evaluation/Cost Analysis (EE/CA) document is being prepared and will be submitted to U.S. EPA during the Second Quarter of 1997.

Active or Completed Tasks

The following specific tasks were completed during the reporting period:

- Collected water samples on January 21, 1997, February 19, 1997, and March 20, 1997 from the treatment system influent and effluent sampling ports.
- Conducted acid wash of the air stripper in January 1997.
- Collected water level measurements on January 21, 1997, February 19, 1997, and March 20, 1997.

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METCALF & EDDY, INC.

Gerald R. Myers
Vice President/Project Coordinator

cc: B. Pfefferle, Chairman - GSS PRP Group
M. Raimonde, M&E

II. DELIVERABLES (THIS PERIOD AND NEXT PERIOD)

CURRENT PERIOD:

<u>Deliverable</u>	<u>Due Date</u>	<u>Delivered</u>
Quarterly Report	April 7, 1997	April 7, 1997

NEXT PERIOD:

<u>Deliverable</u>	<u>Due Date</u>	<u>Delivered</u>
Third Quarterly Report	July 8, 1997	
EE/CA Report		

III. DIFFICULTIES ENCOUNTERED AND REMEDIAL ACTIONS TAKEN THIS PERIOD

- No difficulties were encountered during this reporting period.
- The PRP Group previously requested that the U.S. EPA acknowledge approval of the completion of the AOC Task for the reinstatement of the capacity of PW-1. The EPA has not yet responded on this matter.

IV. ANTICIPATED ACTIVITIES DURING NEXT REPORTING PERIOD

During the next reporting period, the following tasks are scheduled to be performed:

- Acid wash the air stripper.
- Collect potentiometric surface data.
- Sample treatment system influent and effluent water.
- Scheduled maintenance of the treatment system.
- Submit Engineering Evaluation/Cost Analysis